



Inventor: Matsui et al.
Title: "ANTIBODIES FOR THE ALPHA
PLATELET-DERIVED ..."
Application No.: 10/700,249
Docket No.: 14014.0266u3
REPLACEMENT SHEET
Sheet 1 of 14

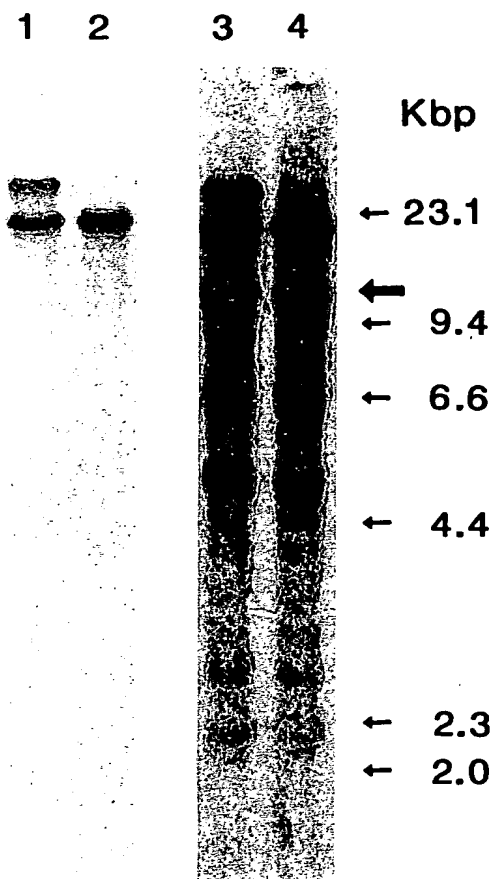


FIG.1A

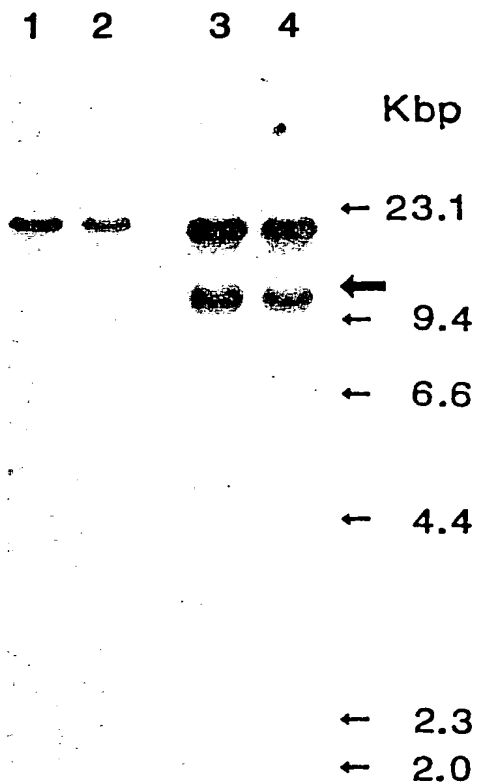


FIG.1B

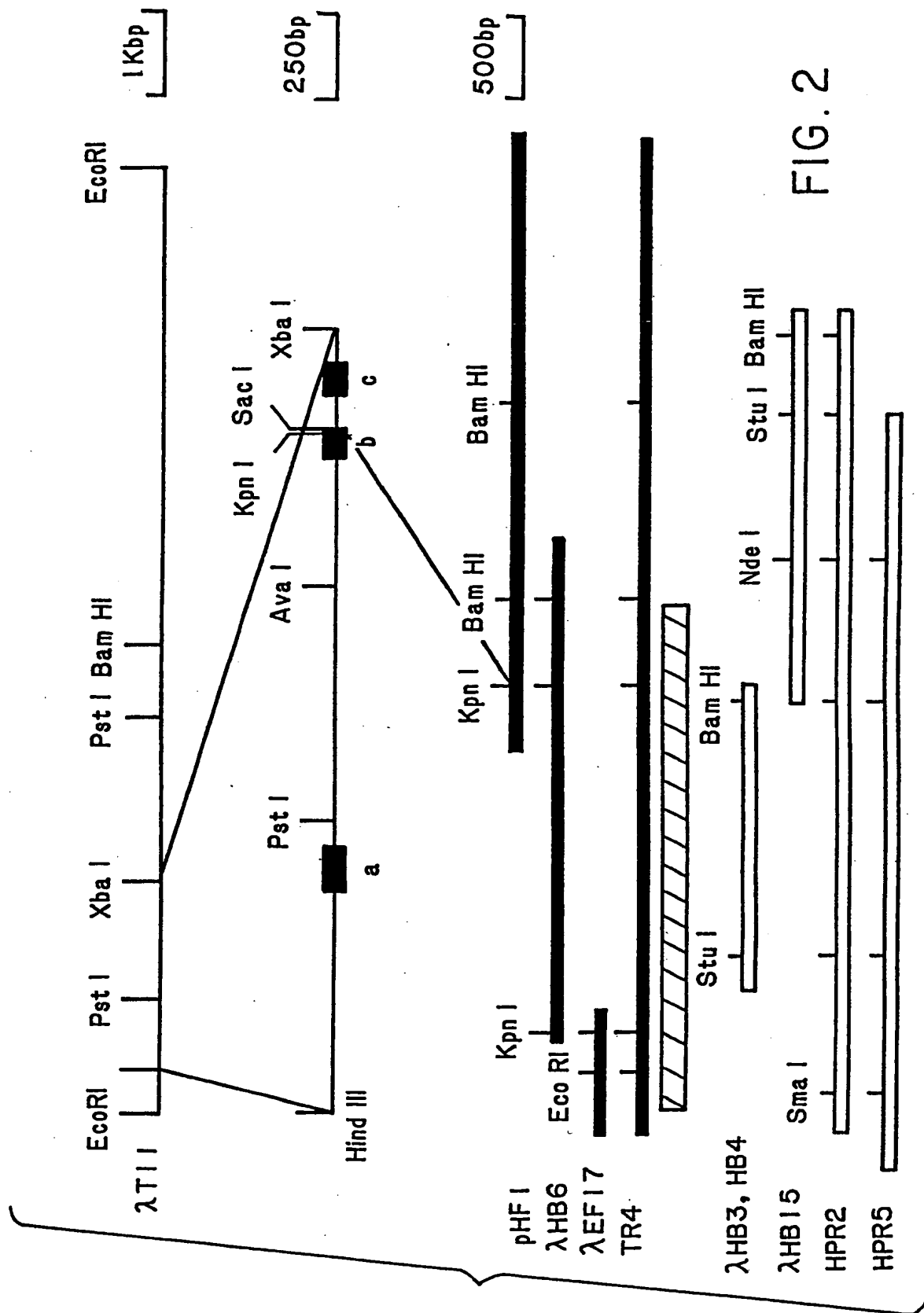


FIG. 3-1

1 CCATTACTGTTGGAGCTACAGGGAGAGAAACAGGAGGAGACTGCAAGAGA

49 TCATTTGGGAAGGCCGTGGGCACGCTCTTTACTCCATGTGTGGGACATT

100 CATTGCGGAATAACATCGGAGGAGAAGTTTCCCAGAGCTATGGGG ^{MetGly}

5 10 15
ThrSerHisProAlaPheLeuValLeuGlyCysLeuLeuThrGly
145 ACTTCCCATCCGGCGTTCTCTGGTCTTAGGCTGTCTTCTCACAGGG

20 25 30
LeuSerLeuIleLeuGlnLeuSerLeuProSerIleLeuPro
190 CTGAGCCTAATCCTCTGCCAGCTTTCATTACCCTCTATCCTTCCA

35 40 45
AsnGluAsnGluLysValValGlnLeuAsnSerSerPheSerLeu
235 AATGAAAATGAAAAGGTTGTGCAGCTGAATTCATCCTTTTCTCTG

50 55 60
ArgCysPheGlyGluSerGluValSerTrpGlnTyrProMetSer
280 AGATGCTTTGGGGAGAGTGAAAGTGAGCTGGCAGTACCCCATGTCT

65 70 75
GluGluGluSerSerAspValGluIleArgAsnGluGluAsnAsn
325 GAAGAAGAGAGCTCCGATGTGGAAATCAGAAATGAAGAAAACAAC

80 85 90
SerGlyLeuPheValThrValLeuGluValSerSerAlaSerAla
370 AGCGGCCTTTTGTGACGGTCTTGGAAGTGAGCAGTGCCTCGGCG

95 100 105
AlaHisThrGlyLeuTyrThrCysTyrTyrAsnHisThrGlnThr
415 GCCCACACAGGGTTGTACACTTGCTATTACAACCACACTCAGACA

110 115 120
GluGluAsnGluLeuGluGlyArgHisIleTyrIleTyrValPro
460 GAAGAGAATGAGCTTGAAGGCAGGCACATTTACATCTATGTGCCA

125 130 135
AspProAspValAlaPheValProLeuGlyMetThrAspTyrLeu
505 GACCCAGATGTAGCCTTTGTACCTCTAGGAATGACGGATTATTTA

FIG. 3-3

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      320              325              330
LysProThrPheSerGlnLeuGluAlaValAsnLeuHisGluVal
1090 AAACCCACCTTCAGCCAGTTGGAAGCTGTCAACCTGCATGAAGTC

      335              340              345
LysHisPheValValGluValArgAlaTyrProProProArgIle
1135 AAACATTTTGTGTAGAGGTGCGGGCCTACCCACCTCCCAGGATA

      350              355              360
SerTrpLeuLysAsnAsnLeuThrLeuIleGluAsnLeuThrGlu
1180 TCCTGGCTGAAAAACAATCTGACTCTGATTGAAAATCTCACTGAG

      365              370              375
IleThrThrAspValGluLysIleGlnGluIleArgTyrArgSer
1225 ATCACCCTGATGTGGAAGATTTCAGGAAATAAGGTATCGAAGC

      380              385              390
LysLeuLysLeuIleArgAlaLysGluGluAspSerGlyHisTyr
1270 AAATTAAAGCTGATCCGTGCTAAGGAAGAAGACAGTGGCCATTAT

      395              400              405
ThrIleValAlaGlnAsnGluAspAlaValLysSerTyrThrPhe
1315 ACTATTGTAGCTCAAAATGAAGATGCTGTGAAGAGCTATACTTTT

      410              415              420
GluLeuLeuThrGlnValProSerSerIleLeuAspLeuValAsp
1360 GAACTGTTAACTCAAGTTCCTTCATCCATTCTGGACTTGGTTCGAT

      425              430              435
AspHisHisGlySerThrGlyGlyGlnThrValArgCysThrAla
1405 GATCACCATGGCTCAACTGGGGGACAGACGGTGAGGTGCACAGCT

      440              445              450
GluGlyThrProLeuProAspIleGluTrpMetIleCysLysAsp
1450 GAAGGCACGCCGCTTCCTGATATTGAGTGGATGATATGCAAAGAT

      455              460              465
IleLysLysCysAsnAsnGluThrSerTrpThrIleLeuAlaAsn
1495 ATTAAGAAATGTAATAATGAACTTCCTGGACTATTTTGGCCAAC

      470              475              480
AsnValSerAsnIleIleThrGluIleHisSerArgAspArgSer
1540 AATGTCTCAAACATCATCACGGAGATCCACTCCCGAGACAGGAGT

      485              490              495
ThrValGluGlyArgValThrPheAlaLysValGluGluThrIle
1585 ACCGTGGAGGGCCGTGTGACTTTCGCCAAAGTGGAGGAGACCATC

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FIG. 3-4

	500	505	510
	AlaValArg	<u>Cys</u> LeuAlaLysAsnLeuLeuGlyAlaGluAsnArg	
1630	GCCGTGCGATGCCTGGCTAAGAATCTCCTTGGAGCTGAGAACCGA		
	515	520	525
	GluLeuLysLeuValAlaProThrLeuArgSerGluLeuThrVal		
1675	GAGCTGAAGCTGGTGGCTCCCACCCTGCGTTCTGA <u>ACTCACGGTG</u>		
	530	535	540
	AlaAlaAlaValLeuValLeuLeuValIleValIleIleSerLeu		
1720	<u>GCTGCTGCAGTCCTGGTGCTGTTGGTGATTGTGATCATCTCACTT</u>		
	545	550	555
	IleValLeuValValIleTrpLysGlnLysProArgTyrGluIle		
1765	<u>ATTGTCCTGGTTGTCATTTGGAAACAGAAACCGAGGTATGAAATT</u>		
	560	565	570
	ArgTrpArgValIleGluSerIleSerProAspGlyHisGluTyr		
1810	CGCTGGAGGGTCATTGAATCAATCAGCCCGGATGGACATGAATAT		
	575	580	585
	IleTyrValAspProMetGlnLeuProTyrAspSerArgTrpGlu		
1855	ATTTATGTGGACCCGATGCAGCTGCCTTATGACTCAAGATGGGAG		
	590	595	600
	PheProArgAspGlyLeuValLeuGlyArgValLeuGlySerGly		
1900	TTTCCAAGAGATGGACTAGTGCTTGGTCGGGTCTTGGGGTCTGGA		
	605	610	615
	AlaPheGlyLysValValGluGlyThrAlaTyrGlyLeuSerArg		
1945	GCGTTTGGAAGGTGGTTGAAGGAACAGCCTATGGATTAAGCCGG		
	620	625	630
	SerGlnProValMetLysValAlaValLysMetLeuLysProThr		
1990	TCCCAACCTGTCATGAAAGTTGCAGTGAAGATGCTAAAACCCACG		
	635	640	645
	AlaArgSerSerGluLysGlnAlaLeuMetSerGluLeuLysIle		
2035	GCCAGATCCAGTGAAAAACAAGCTCTCATGTCTGAACTGAAGATA		
	650	655	660
	MetThrHisLeuGlyProHisLeuAsnIleValAsnLeuLeuGly		
2080	ATGACTCACCTGGGGCCACATTTGAACATTGTAAACTTGCTGGGA		
	665	670	675
	Ala <u>Cys</u> ThrLysSerGlyProIleTyrIleIleThrGluTyr <u>Cys</u>		
2125	GCCTGCACCAAGTCAGGCCCATTTACATCATCACAGAGTATTGC		

FIG. 3-5

680 685 690
PheTyrGlyAspLeuValAsnTyrLeuHisLysAsnArgAspSer
2170 TTCTATGGAGATTTGGTCAACTATTTGCATAAGAATAGGGATAGC

695 700 705
PheLeuSerHisHisProGluLysProLysLysGluLeuAspIle
2215 TTCCTGAGCCACCACCCAGAGAAGCCAAAGAAAGAGCTGGATATC

710 715 720
PheGlyLeuAsnProAlaAspGluSerThrArgSerTyrValIle
2260 TTTGGATTGAACCCTGCTGATGAAAGCACACGGAGCTATGTTATT

725 730 735
LeuSerPheGluAsnAsnGlyAspTyrMetAspMetLysGlnAla
2305 TTATCTTTTGAACAATGGTGACTACATGGACATGAAGCAGGCT

740 745 750
AspThrThrGlnTyrValProMetLeuGluArgLysGluValSer
2350 GATACTACACAGTATGTCCCCATGCTAGAAAGGAAAGAGGTTTCT

755 760 765
LysTyrSerAspIleGlnArgSerLeuTyrAspArgProAlaSer
2395 AAATATTCCGACATCCAGAGATCACTCTATGATCGTCCAGCCTCA

770 775 780
TyrLysLysLysSerMetLeuAspSerGluValLysAsnLeuLeu
2440 TATAAGAAGAAATCTATGTTAGACTCAGAAGTCAAAAACCTCCTT

785 790 795
SerAspAspAsnSerGluGlyLeuThrLeuLeuAspLeuLeuSer
2485 TCAGATGATAACTCAGAAGGCCTTACTTTATTGGATTGTTGAGC

800 805 810
PheThrTyrGlnValAlaArgGlyMetGluPheLeuAlaSerLys
2530 TTCACCTATCAAGTTGCCCGAGGAATGGAGTTTTTGGCTTCAAAA

815 820 825
Asn[Cys]ValHisArgAspLeuAlaAlaArgAsnValLeuLeuAla
2575 AATTGTGTCCACCGTGATCTGGCTGCTCGCAACGTCCTCCTGGCA

830 835 840
GlnGlyLysIleValLysIleCysAspPheGlyLeuAlaArgAsp
2620 CAAGGAAAAATTGTGAAGATCTGTGACTTTGGCCTGGCCAGAGAC

845 850 855
IleMetHisAspSerAsnTyrValSerLysGlySerThrPheLeu
2665 ATCATGCATGATTCTGAACCTATGTGTGCGAAAGGCAGTACCTTTCTG

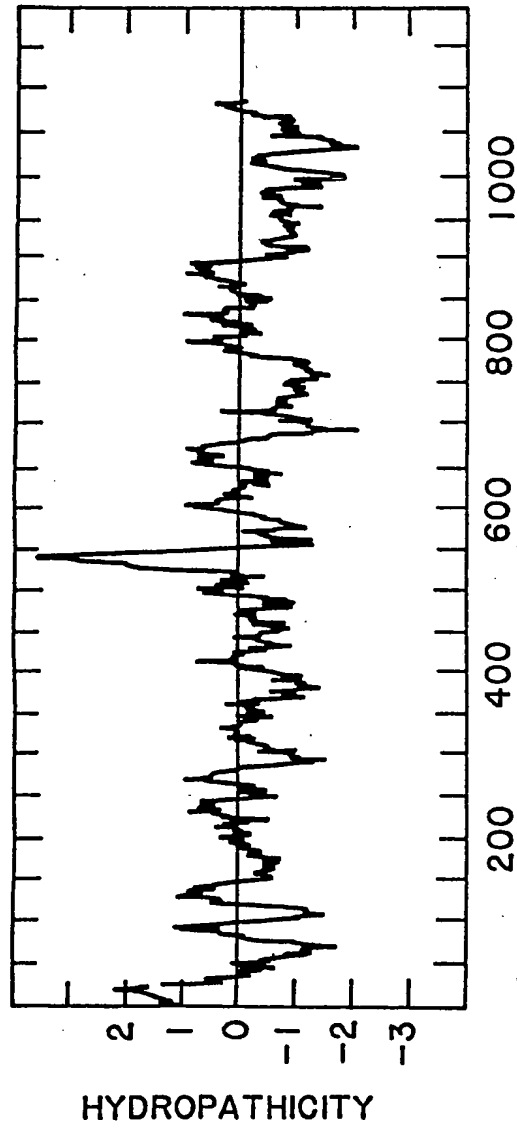


FIG. 4

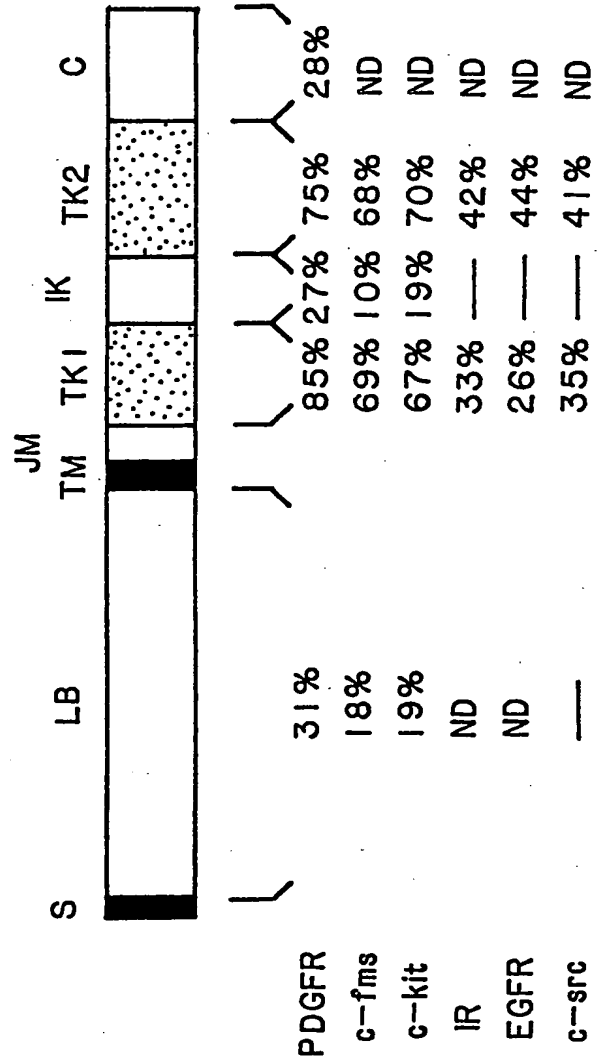


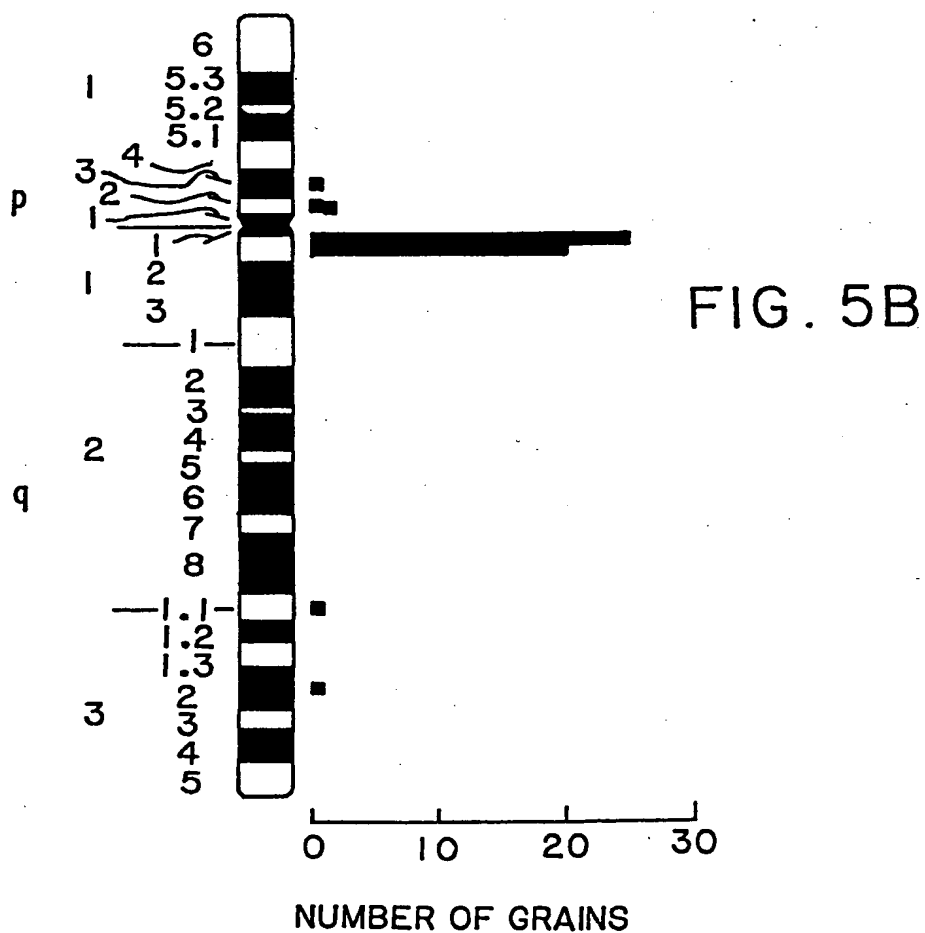
FIG. 5A

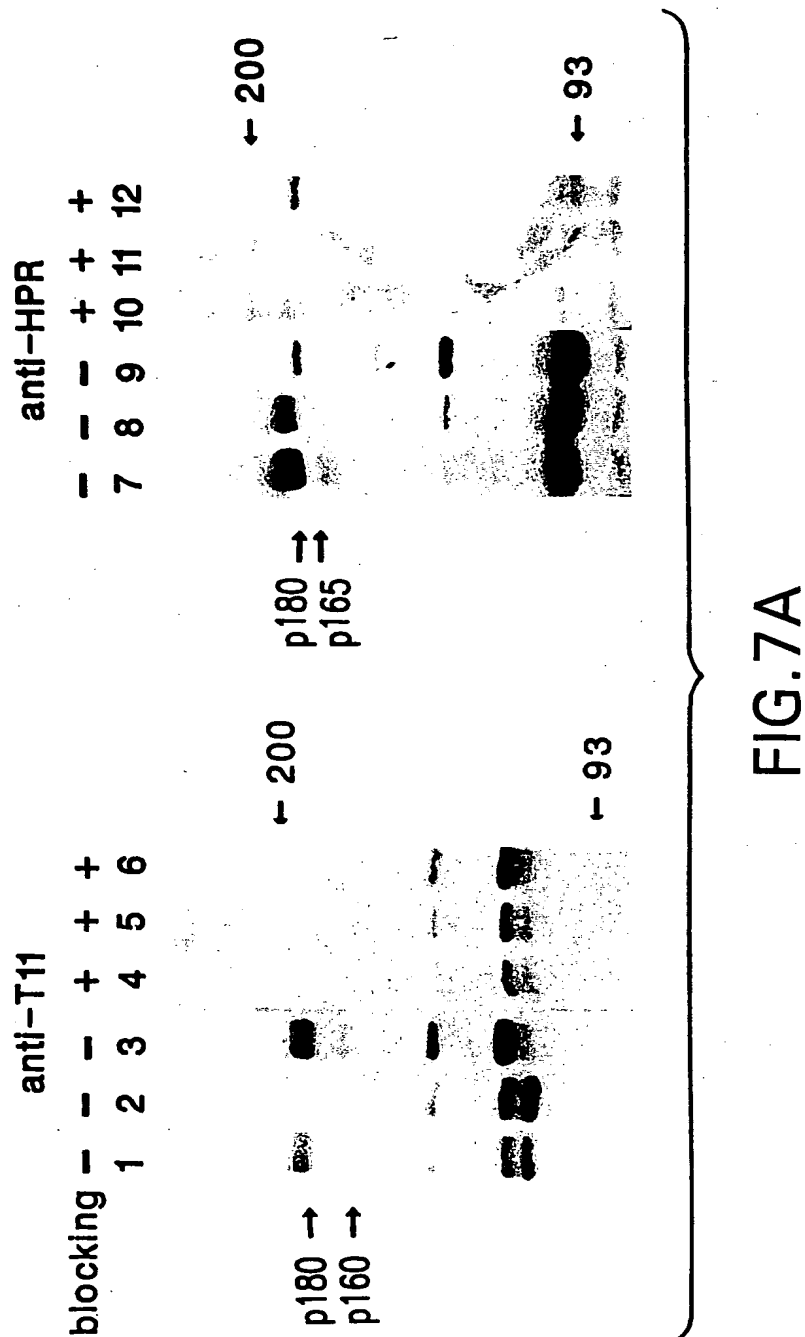
NUMBER OF GRAINS

1 2 3 4 5

6 7 8 9 10 11 12

13 14 15 16 17 18 19 20 21 22 X Y





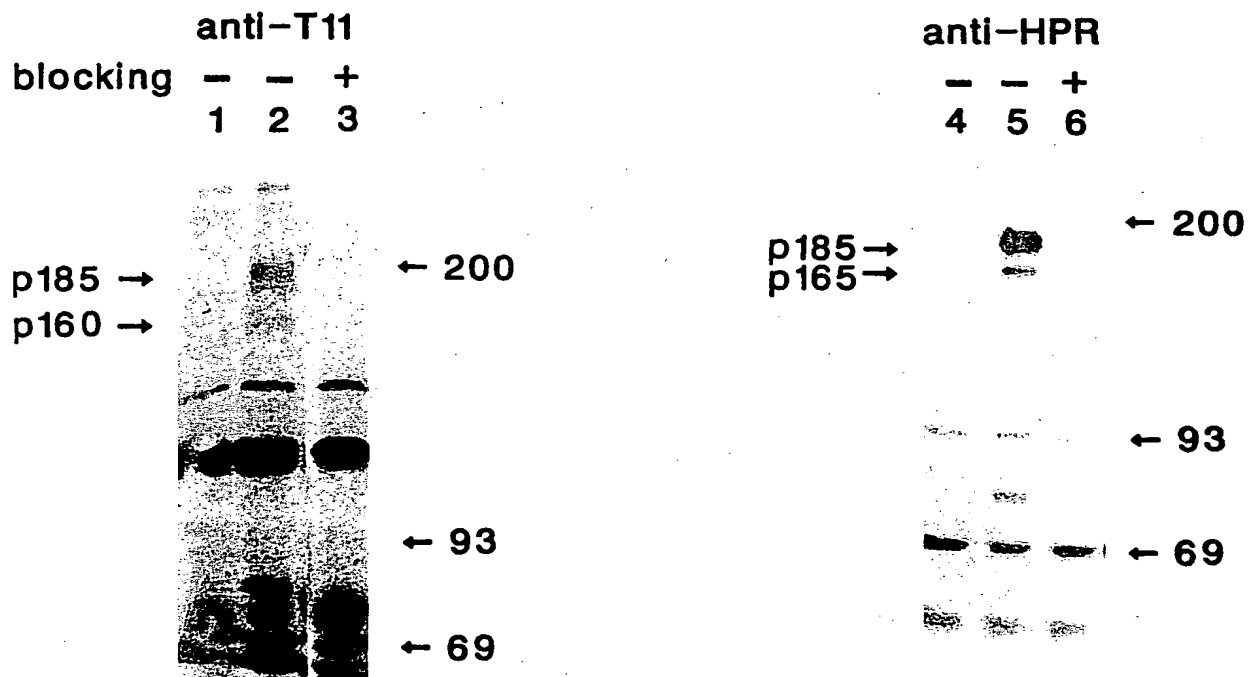
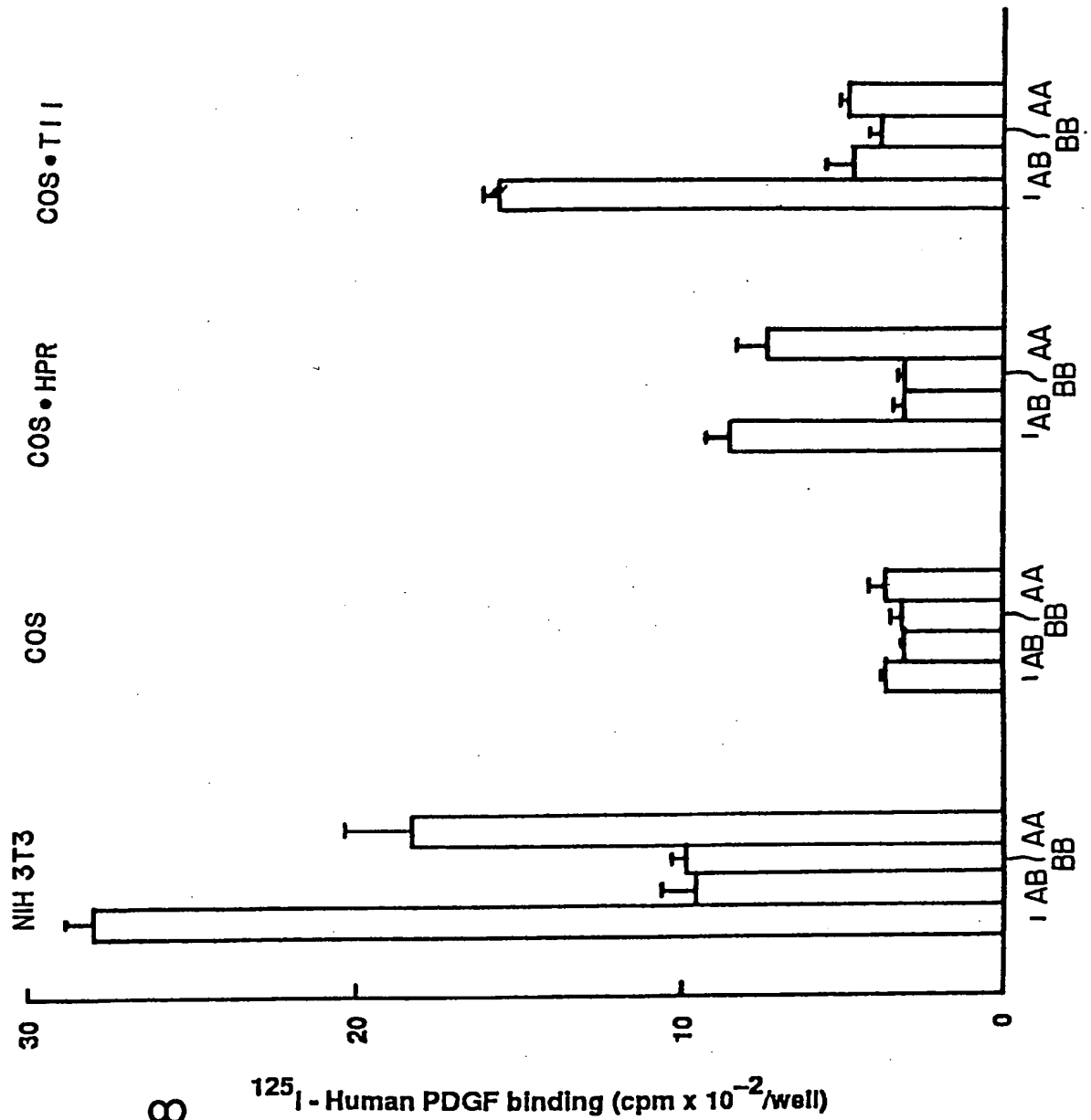


FIG.7B



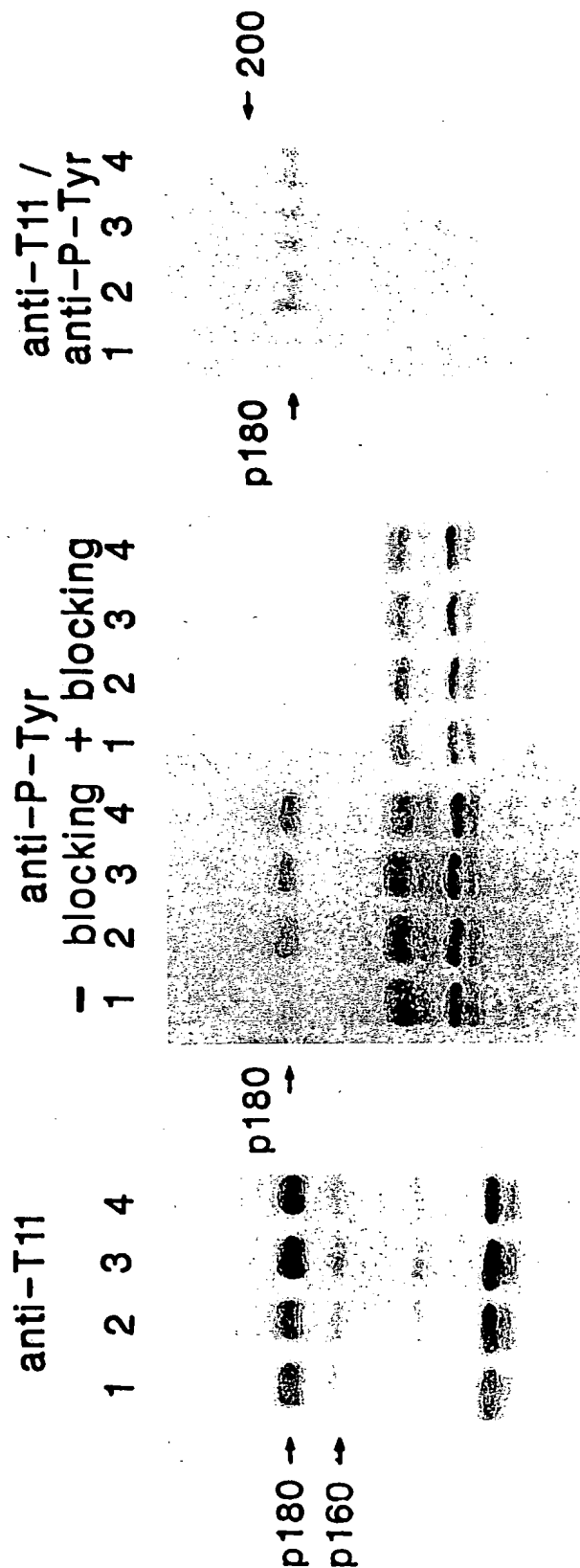


FIG.9A

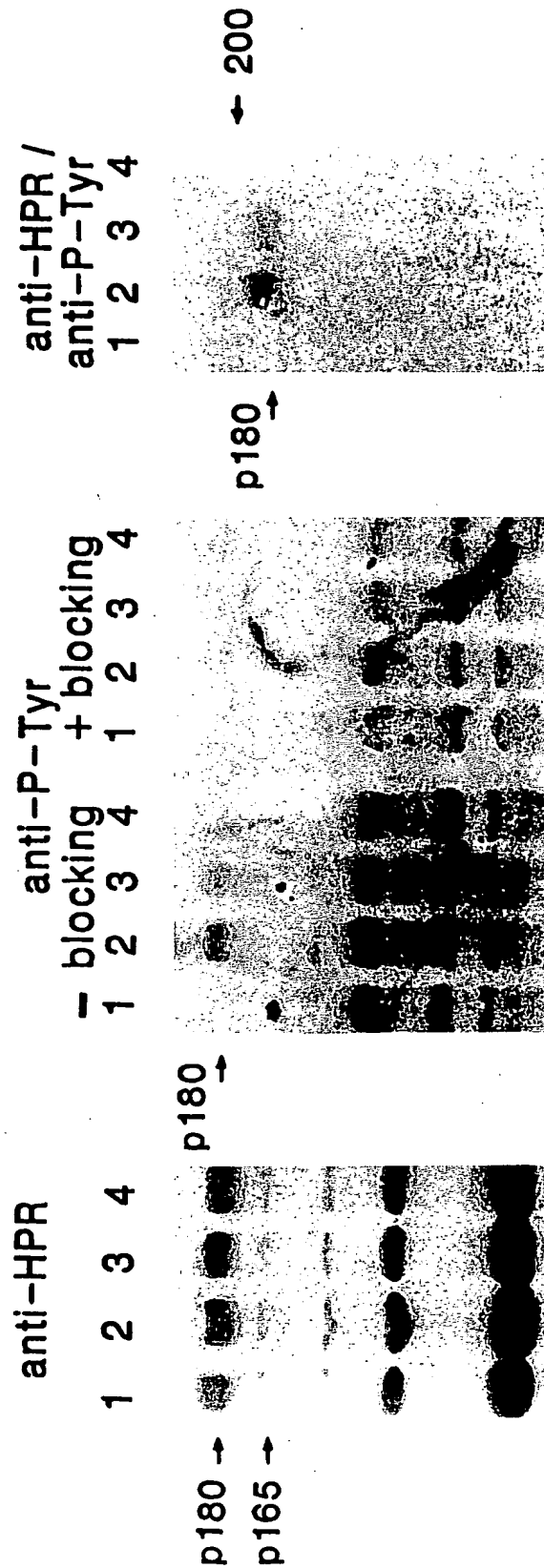


FIG. 9B

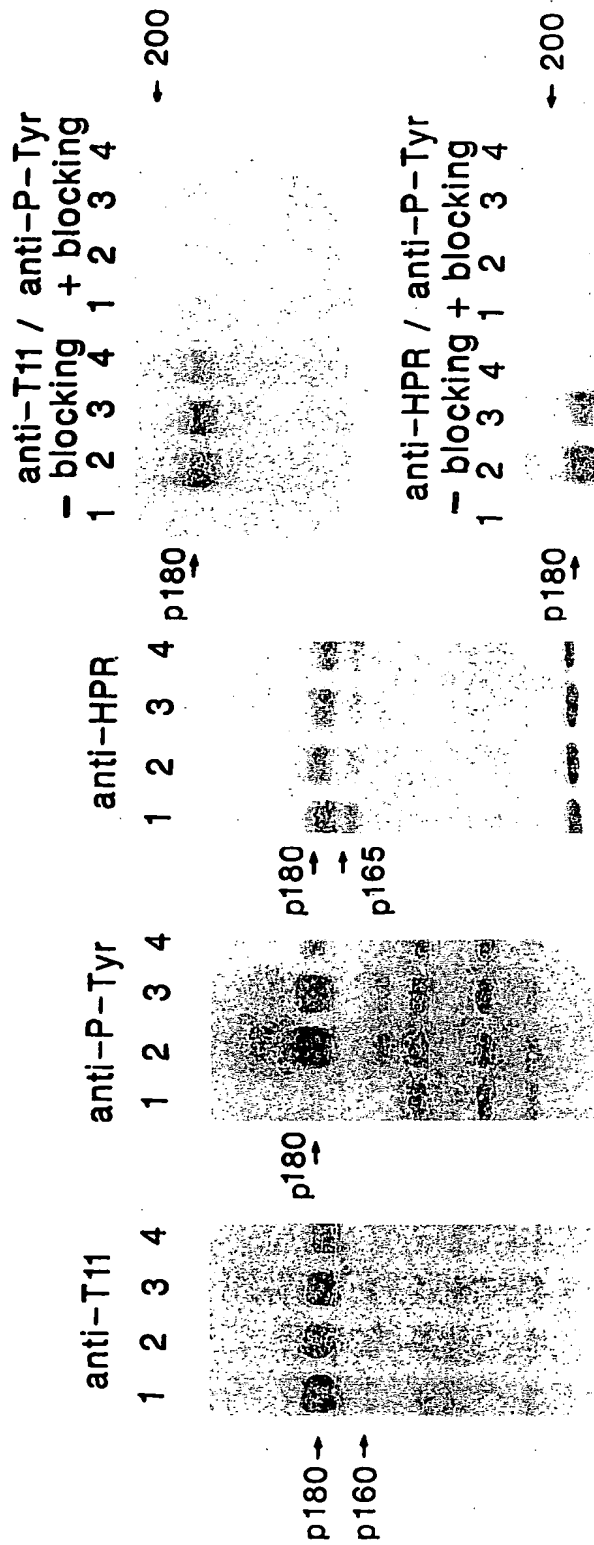


FIG.9C

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